

**SECRET**

NPIC/TSG/RED/SDB-035-70  
10 September 1970

MEMORANDUM FOR THE RECORD

SUBJECT: Meeting With TSG/ESD Personnel Concerning Testing and Delivery of 1540 Light Tables

1. Representatives of RED and ESD met on 3 September 1970 at the request of [ ] ESD, to discuss the testing and delivery of the [ ] 1540 Light Tables. In attendance were Messrs. [ ]

2. [ ] opened the meeting with a statement of the problems to be resolved:

a. A decision is necessary on how to get the first of the production 1540 Light Tables delivered to NPIC and tested by TEB.

b. The light sources apparently cannot be measured accurately until after 100 hours operation because of expected fluctuations in light intensity during the first 100 hours of operation.

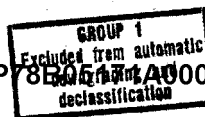
c. It is understood that the [ ] table is being sent to [ ] as GFE on the Light Table Vibration contract. ESD feels an [ ] table should be the GFE rather than the [ ] table.

3. [ ] that the third problem was being resolved by attempting to get an [ ] table from IEG to forward to [ ]

4. ESD produced the attached Test Plan for the pre-production model of the tables and the plan was discussed. [ ] questioned the need for ten working days to perform tests. Also questioned was the need for further evaluation by operating PI's since PI preference had already been stated. It was feared that the PI may consider this another chance to evaluate and make further, perhaps extensive, changes which could slow delivery of the production tables. ESD was also asked if they could perform any of the testing at [ ] so as to decrease the period of in-house testing.

5. ESD replied that they felt that it was important to have the first article here for test rather than doing any of the testing at [ ] and that ESD was not inclined to do any partial testing in the field.

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Although certain things could be tested at [ ] ESD would resist any attempt to do so. ESD felt that the PI must be given the chance now to discover features that they did not like. If the testing period could be shortened ESD would certainly do so, and any problems discovered during testing would promptly be reported to [ ]

6. [ ] questioned how much subjective evaluation and reporting ESD planned to do. The gist of the answer seemed to be that ESD would perform a minimum of subjective tests and would be mostly objective--although presumably the operational evaluation is subjective.

7. [ ] advised that [ ] intends to subject their fluorescent light sources to a 100 hour break-in period to overcome the wide excursions of light intensity that are possible during the first 100 hours of operation. ESD requested documentation from [ ] stating that the sources had been subjected to such a break-in period. [ ] will request [ ] for the statement.

8. In order to assure that the best product possible, the following schedule was outlined and discussed.

a. [ ] will inspect progress of the contract during the week of 14 September 1970. It was decided that representation by ESD would not be necessary at that time. [ ] will inspect for apparent errors and omissions and make corrections.

b. Preacceptance testing of the pre-production table is scheduled for the week beginning 3 October 1970. This testing will be performed by [ ] of ESD will be in attendance and will participate in the testing. Representatives of the operational divisions will also be in attendance.

c. [ ] will be requested to immediately ship the pre-production table to NPIC for testing by ESD.

d. ESD will start testing and evaluation on or about 12 October. Final acceptance should take place on or about 23 October.

e. Continuing production during the period from receiving instructions to ship the pre-production table to final acceptance will be at the risk of [ ]

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25X1 f. [ ] will be requested to space shipment of the tables in such manner as not to cause a storage problem for EPB during testing of the delivered production tables.

25X1 9. Delivery of the [ ] acceptance test procedure was discussed. The procedure is to be delivered no later than two weeks before preacceptance testing of the pre-production table. The acceptance test procedure will be reviewed by ESD and RED to insure conformance to our requirements.

25X1 10. ESD also requested an estimate of the time required for assembly and preparation of the tables for testing after being received at NPIC, and information as to the provisioning of spare parts. Both these questions will be referred to [ ] requested that preventive maintenance instructions be supplied as soon as possible. He was advised that this information was to be included in the Maintenance Manuals supplied with the tables.

[ ]  
Project Monitor  
NPIC/TSG/RED/SDB

25X1

**Distribution:**

Original - Route & File  
1 - Project Monitor  
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25X1 NPIC/TSG/RED/SDB/[ ] (10 September 1970)

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